G. R. S. IX—5]

Previous references (1923-4 Pat)

File No. 33-23

Serial Nos. 1-9

Later references

Pol 10-11

Pat 33-23 (12-14)

Pat 20-24 (1-11) . do-. 12-44.

Pat 2-25 (1-12)

(29)

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 9

Part B for Aug 24

SUBJECT

Invention act 12 of 1923.

G. R. S. 11] 1926

GENERAL AND REVENUE SECRETARIAT.

(Pat.)

NOTES.

File No. 33/23

FILE HEADING.

Invention No. 12-23 for Improved Cultivating & Soil-Pan Breaking Implement by Mr. Sydney Adlam Jackson, Assam

From

Messrs Remfrey & Son

No. Dated 29.5.26 Received

Diary No. 5-331	Enclos.	Spare Copies.	Serial No. 1

BRIEF ABSTRACT OF LETTER.

Forwards an application of Mr Sydney Adlam Jackson, Assam, to file a Specification in respect of invention No. 12/23 for Improved Cultivating & Soil-Pan Breaking Implement"

NOTES AND ORDERS.

Filed with draft

Issue

(W) V S 6/6/26

NOTES—First Sheet.

G. R. S. III-2

~~5331~~ (2)
5432

General and Revenue Secretariat. | Pat File No. 33 of 1923

Serial No.	
2	Letter dt 5-6-24 from Messrs: Remfry & Son Calcutta Forwards a Power of Attorney in respect of Invention referred to in St. 1 & acknowledges receipt of Rs. 1-8-0.
3	No. I. C. 7612 dt 11-6-24 To Messrs Remfry & Son States that the matter refd in St 1 will receive early attention 3) the amount of application fee viz. Rs. 10/- & that fee for the Power of Attorney, viz Rs. 1-8-0 have been received 4) Filed with 2 drafts & a T.R. Receipt Book ~~20~~ 14.6.24 5) Issue dft to Supt of Stamps 6) Would it not be better to have a Report from the Dr of Agriculture ? Do we have any rule that any in Dr Dte should be Consulted SM 14/6
4	FO The Supdt. of Stamps No. I.C 7612 of 1616.

NOTE—Contn. sheet.

P.T.O

(3

5558

G. R. S. III-2]

General and Revenue Secretariat. | Pat. File No. 37 of 1929.

Serial No.

5- In re Powers of Attorney referred to in sl (2) for being insufficiently stamped with a Stamp of the value of Rs one annas eight also forwarded herewith.

From the Asstt. Supdt. of Stamps
No 4638 dt 19.6.24
Returns duly stamped the Power of Attorney

7) Draft write a draft.

21/6/24

8) Issue
VS
21.6.24

6 To

The Supdt. of Stamps
Dr P.C 7854 dt 26/6

Acknowledge the Return of the Power of Attorney duly with Rs (1)

9) Attention is invited to para 6 (Assistant Secy's note dt 14.6.24 in p. 2)

10) A similar question was raised (in para 22 in file no. Pat. 26/22 page 6 of the office note) and disposed of (paras 23 to 26) + attention is also invited to the Board Members minute dt 7.1.24 (Para 21 in file no. Pat. 25-22/page 6

NOTE—Contn. sheet.

(4

G. R. S. III-21

5432

General and Revenue Secretariat. | Part File No. 33 of 19 23

Serial No.

after office note)

If the approved draft of the Dir of Agr has not yet been issued

para 6. (2) Resubd. for orders as directed

28/6/24

In this case it seems better to Consult the Dr of Agr as the rivers in Wales is an agricultural improvement w/l as of the Dr generally as usual

Inundation

SM 30/6

Rev Secy

Ys

Draft Offd

Issue

4/7

7 To

The Director of Agriculture

Wales C 158 of 1917

Forwards Govt for Report

8 From the Dir of Agr R.C. 72 2/7/24

states for reasons assigned that the application should not be accepted

REVENUE SECRETARIAT

1 JUL 1924

H. M. T.F.O. & COMMR.

MARCH

NOTE—Contn. sheet.

274 (5

G. R. S. III-2]

WD 2310—GPF—10,000—11-5-21

General and Revenue Secretariat | Part File No. 33 of 1923

Serial No.

The Dist Agriculturist who was asked to furnish opinion states that the inventions described in the application is a very slight alteration in types of digging implements now in use in the Depts & that the application should not be accepted

For orders

20/7/24. VS

May be rejected

SNR 17/7

Rev Sec (II Member) 17/7/24.

554/22

SNR 21/7

I agree

22/7/24.

SNR 23/7

Subd. with draft

24/7/24 VS

Please put up a copy of the Rules.

SNR 28/7

Subd with a copy of Regn (IX of 1894) & rules framed thereunder.

NOTE—Contn. sheet.

2244/6

G. R. S. III-2]

General and Revenue Secretariat. | Pat File No. 33 of 1923

Serial No.

K + D.

Kind attention is also invited to Sections 20 (a & b) & Rules on the subject

2nd. 25/7

Rw Secy) SMR 31/7 Josie SMR 31/7

To Messrs Pumpney & Son, Calcutta.

No. 878 dated 21/7/23.

Reply to the application on the invention is not of much utility in the State workshops also.

GEN'L. & INDUST. ENGINEER BRANCH.

NOTE—Comm. sheet.

37432

5331

REGISTERED

To

THE ~~CONTROLLER OF PATENTS~~, SECY TO THE GOVT OF MYSORE,
~~PATENT OFFICE~~, GENL & REV DEPTS.
~~CALCUTTA.~~ BANGALORE
MYSORE.

Par- 33-23-1

FROM

REMFRY & SON,
PATENT & TRADE-MARK ATTORNEYS,
CALCUTTA.

Dated CALCUTTA, the 29th May 1924.

GEN. & REV. SECRETARIAT
4 JUN 1924
INDUSTRIES & COMMERCE BRANCH

Rs. 3f
4 JUN 1924
C. D. ELECTRIC SIR

DEPT. P. FILE LR. M.
FILE INDICATION.
Mysore Pats.(Genl)

re S. O. JACKSON (MYSORE) "Soil-pan breaker

No. -- *dated* --

We have the honour to forward herewith an Application of SYDNEY ODLING JACKSON Tea Planter, of Gatonga Post Office, Assam, British India, signed by us as Applicant s Constituted Attorneys for leave to file a Specification under Part I of the Mysore Inventions and Designs Regulation 1894, in respect of an Invention for "IMPROVED "CULTIVATING AND SOIL-PAN BREAKING IMPLEMENT" and solicit the favour of your submitting the same to H.H.the Dewan.

The Power of Attorney under which we are acting in this matter will follow.

A Post Office Order for Rs.10/- is sent today.

We have the honour to be.
Sir,
Your very obedient servants,

Enclō:
Appln.

By P.O.O:-
Rs.10/-/-.
MYSORE
APPLICATION.

IMB.

P/O (Genl.) 1,946—29-3-24, [15-6-23, ... 17-3-11.]

stayed or strengthened by one or more ribs connecting it to the head of implement.

6.—— A pan-breaking or cultivating implement as claimed in Claim 1, 2 or 3, having two blades, preferably of different sizes, and a leverage or fulcrum surface around the head which is adapted to fit onto the haft.

7.—— An attachment whereby an ordinary single or double-ended pick-axe may be converted into an implement substantially as claimed in Claim 6.

8.—— A pan-breaking or cultivating implement according to any of the preceding Claims, substantially as described.

9.—— A pan-breaking or cultivating implement according to any of the preceding Claims complete with a haft, constructed, arranged and adapted to be used in the manner and for the purpose substantially as described.

10.—— A pan-breaking or cultivating implement according to any of the preceding Claims, substantially as described with reference to Figures 1 and 2, or Figures 3 and 4, or Figures 5 to 7 of the accompanying Drawings.

4.- The Applicant, therefore, applies for leave to file a Specification of the Invention pursuant to Part I of the Inventions and Designs Regulation, 1894.

SYDNEY ODLING JACKSON
by his Constituted Attorneys

I, the Applicant abovenamed, do declare that the facts stated in this Application are true to my knowledge except as to matters stated on information and belief and as to those matters I believe them to be true.

Dated this 29th day of May 1924.

SYDNEY ODLING JACKSON
by his Constituted Attorneys

COUPON. *The remitter may write here any communication to the payee.*

Rs. 10 As.

re S.O.JACKSON.
(MYSORE)

(As per our letter of date.)

Remitter.
30/5/24.

GEN. & [illegible] SECRETARIAT
4 - JUN 1924
INDUSTRIES & COMMERCE BRANCH.

4/6/24

COUPON. *The remitter may write here any communication to the payee.*

Rs. 1/8/-

re S.C.JACKSON.(MYSORE)
"Soil-pan breaker"

As per our letter
of date 5/6/24.

G.P.O. *Remitter.*

S C Jackson

10/6/24

Pat. 33-23

Duplicate.

(To be returned to the General and Revenue Secretariat for being placed in the file.)

1. No. 667
2. Date of Remittance 17-6-24
3. From whom received Wilson & Renfrey & Co. Calcutta
4. Date of receipt of amount in the General and Revenue Secretariat 4/6/24
5. On what account Application fee on Despatch of Invention No. 12-23
6. Amount (in figures and words) Ten only (Rs. 10/-)
7. The head to which it should be credited.

(To be filled in by the Treasury.)

S. Narayana Rao

for Secretary to Government,
Revenue ~~General~~ *Department.*

The above amount has been duly received and credited in the Treasury on this date.

Date

Hd. Acctt. *Treasurer.* *Try. Officer.*

N. B.—Both the counterfoil and the duplicate to be returned to the General and Revenue Secretariat duly signed by the Treasury Department.

D 5337/37916

D5432 10-6-24 (12

Pat- 33-23-2

REGISTEREL.

To

THE ~~CONTROLLER OF PATENTS,~~ SECY TO THE GOVT OF MYSORE,
~~PATENT OFFICE~~, GENL. & REV. DEPTS.,
~~CALCUTTA.~~ BANGALORE,
MYSORE.

FROM

REMFRY & SON,
PATENT & TRADE-MARK ATTORNEYS,
CALCUTTA.
Dated CALCUTTA, the 5th June 1924.

DEPT. P. FILE LR. M.
FILE INDICATION.
Mysore Pats.(Genl)

re S. O. JACKSON. (MYSORE) "Soil-pan breaker"

No. -- *dated* --

With reference to our letter dated 29/5/24 forwarding an Application duly signed by us as Applicant's Constituted Attorneys in the above matter we now beg to forward herewith last page of the Application duly signed by the Applicant, and solicit the favour of your substituting the same in place of the original on File

We also beg to forward herewith a Power of Attorney under which we are acting and request the favour of your having such/Power of Attorney stamped with Re.1/8/-.

A Post Office Order for Re.1/8/- is sent today.

We have the honour to be,
Sir,
Your very obedient servants,

Enclos:-
last page of Appln.
P/A.

By P.O.O:-
Re.1/8/

IMB.

P/O (Genl.) 1,000-25-3-24, [15-6-23, - - - - - - 17-3-11.]

13

G.R.S. VI.—G/39.

SUBJECT

Diary No. of letter replied to D 5331

Section. Pat.

File No. 33-3

Serial No. 3

GENERAL AND REVENUE SECRETARIAT
( )
the 191 .

No. I.C 7612

Messrs. Rempress & Co.
Patent & Trade mark Attorneys
Calcutta

Date of issue 11/6/24.

Signed by M. L. Narayan Rao

I am directed to acknowledge the receipt of your communication noted in the margin and to state that the matter referred to therein will receive early attention.

The power of Attorney and a Power granted is awaited being the stamp fee thereof

I have etc.,

6/6/24

For Secretary to Government.

No. Nil date. 29th May

Subject Re order to file the Specification of Mr Devanhin after S. A. Jackson, Tea Planter, of Gatanga P.O. Assam. for "Improved cultivating and soil-pan breaking implement".

Put up for approval.

Issue

6/6/24

GRSM. 566

(14

G. R. S. VI—s.v/14]

DRAFT.

SUBJECT..... Issue of Patent

Section. Pat
File No. 33-23
Serial No. 4

Diary No. of letter replied to..... 5432

I.C 7678 5-5

GENERAL AND REVENUE SECRETARIAT
( )
, the *191*

To

The Assistt Secy
to Govt
Mysore

Date of issue... 18/6/24

Signed by... H.V.S.Rao

Has the honor to forward herewith a Power of Attorney executed by Mr Sydney Alexander Jackson, Assam, constituting Messrs Renfrey & Co as Agents in respect of his ~~their~~ invention No 12/23 for "Improved Cultivating and Sub-Soil-Pan Breaking Implement" and to request that the same may be impressed with the Mysore General Stamp of the value of Rupee One & annas eight, also herewith forwarded, and the Power returned to this office.

By Order,

for SM 14/6

~~Chief~~ *Secretary to Government.*

38679

No. 463 Enc. 1

Office of the Superintendent of Stamps,
in Mysore, Bangalore D/ 19/6/24

D 5568
20-6-24

(15)

From,

T. Hanumantha Rao Esq., B.A., B.L.,
Superintendent of Stamps,
in Mysore, Bangalore.
Pat- 33-23-5

To

The Offg: Secretary,
to the Government of Mysore,
Revenue Department,
Bangalore

REV. SECRETARIAT
JUN 1924
INDUSTRIES & COMMERCE
BRANCH.

8 & C
19. JUN. 1924

Sir

I have the honor to return herewith duly Stamped the Powers of attorneys received with yours No. R. C. 7678 dated 18th June 1924, and to request that its receipt may be kindly acknowledged.

I have the honor to be,
Sir,
Your most obedient Servant,

T Hanumantha Rao

Superintend Stamps
in Mys.

1-8-

POWER of ATTORNEY.

IN THE MATTER of the Inventions and Designs Regulation, 1894, of the Government of Mysore,

-- and --

IN THE MATTER of SYDNEY ODLING JACKSON, Tea Planter, of Gatonga Post Office, Assam, British India.

I, the abovenamed Sydney Odling Jackson, do hereby retain, constitute and appoint REMFRY & SON, Patent and Trade-Mark Attorneys, of 21 Old Court House Street, Calcutta, British India, or other Partners or Partner for the time being of the said Firm of REMFRY & SON, jointly and severally as my Agents and Attorneys to apply for and obtain from the Government of Mysore and keep in force an Exclusive Privilege or Letters Patent for "IMPROVED "CULTIVATING AND SOIL-PAN BREAKING IMPLEMENT" and I authorise them or any or either of them to sign my name to such papers and writings and do such acts regarding the same, including the appointment of a substitute or substitutes, as may be necessary or expedient.

Dated this 13th day of May 1924.

SIGNED, SEALED and DELIVERED at Swanage in the presence of Sydney Odling Jackson

Sydney Odling Jackson

Witnesses :-

Richard Short

NATIONAL PROVINCIAL BANK LIMITED SWANAGE.

Rochford Brook Clerk

NATIONAL PROVINCIAL BANK LIMITED SWANAGE.

17

From

Rev

THE ~~CHIEF~~ SECRETARY TO THE
GOVERNMENT OF HIS HIGHNESS
THE MAHARAJA OF MYSORE

Pol. 33-23-6

To

The Superintendent of Stamps
in Mysore

Dated 26/6/24

No. I.C 7834

Dated
26/6/24

Signed by Mr S. Narayana Rao

Has the honor to acknowledge the receipt of the Power of Attorney duly impressed with the Mysore Stamp and returned with your letter No. 463 & 19.6.24
~~dated~~

By Order,

21.6.24

Rev.

For ~~Chief~~ *Secretary to Government.*

20

WD 874—GPE—2(C—13-1-21

G. R. S. VI.—8-v/16]

18

DRAFT.

SUBJECT.....

.....

.....

Section. Pat
File No. 33-23
Serial No. 7

Diary No. of letter replied to..... 5232, 5251, 5332

No. R. 158

To

The Asst. Controller of Patents in Bangalore

GENERAL AND REVENUE SECRETARIAT,

( )

, *the*.....*191*

Date of issue..... 11/1

Signed by.....

Has the honor to forward herewith for report under Sec. 6, Cl. (2) of the Mysore Inventions and Designs Regulation, XI of 1894, an application for leave No. 12-23 to file a specification of an invention for

"Improved Cultivating & Soil-Pan Breaking Implement"

.....

By Order,

SMP 14/3

for *Secretary to Government.*

Rev Dept

WD A1844—GPB—1,000—12-3-18

Telegraphic Address
"Agri., Bangalore."

19) Pat. 33-23-8

DEPARTMENT OF AGRICULTURE,
MYSORE STATE.

SECRETARIAT
D 2744
15 JUL 1924
INDUSTRIES & COMMERCE
Bangalore BRANCH.

.....July...12,...1924.....191

03456 No. Roc.72-Hc.22-2 of 24-25 / Applin dt 8 Octob

FROM

LESLIE C. COLEMAN, ESQ., M.A., PH.D.,
DIRECTOR OF AGRICULTURE IN MYSORE,
BANGALORE.

To

K. V. Anantaraman, Esq., B.A.,
Offg. Secretary to the Govt. of Mysore,
Rev. Deptt., Bangalore.

SIR,

With reference to your letter No.Ic.158-Pat.33-23-7 of the 10th instant, I have the honour to state that in my opinion the application should not be accepted. The socalled invention described in the application is a very slight alteration in types of digging implements which have been generally used in connection with agriculture for centuries. I am furthermore very doubtful if the adaptation mentioned will materially improve the working of the implements or will enable them to be used more effectively for either ordinary cultivation or the breaking up of hard pan. The application is returned herewith

I have the honour to be,
Sir,
Your most obedient servant,

Director of Agriculture.

hs.

APPLICATION.

TO

THE DEWAN OF MYSORE.

The Application of SYDNEY ODLING JACKSON, Tea Planter, of Gatonga Post Office, Assam, British India, for leave to file a Specification under Part I of the Mysore Inventions and Designs Regulation, 1894.

1.- The Applicant is in possession of an Invention for "IMPROVED CULTIVATING AND SOIL-PAN BREAKING IMPLEMENT" he is the Inventor thereof and to the best of his information and belief, the Invention is new within the meaning of Part I of the Inventions and Designs Regulation, 1894, and no circumstances exists which, if the Applicant is authorised to file a Specification and files it in accordance with that Part, will disentitle him to an Exclusive Privilege thereunder in respect of the Invention.

The Applicant has not applied for a Patent in the United Kingdom in respect of this Invention.

The Applicant has not applied for a Patent in British India in respect of this Invention in the exact forms shown but Application No. 9547 dated 31st July 1923 is for a somewhat similar Invention.

2.- The following is a description of the Invention :-

The object of this Invention is an improved cultivating implement particularly adapted for attacking and breaking up the pan accumulations which are often found below the surface of cultivated land. In its performance of this object the implement simultaneously usefully disturbs the surface soil. The implement is so used that these objects may be effected without the necessity of first removing the upper crust over the area of the pan to be broken and moreover without the disadvantages attaching to the existing methods of breaking up these pans.

The implement comprises a relatively slender blade adapted to be fixed approximately perpendicularly to the haft with which it is intended to be used, which blade in use is adapted to be driven into the ground, and a relatively broad, flat or enlarged leverage or fulcrum surface in the neighbourhood of the junction of the blade with the head which fits the haft. About this surface the blade of the cultivator, after being driven into the ground, is intended to be turned to break up the pan beneath the surface of the earth as described above.

The blade may have a chisel-shaped point the edge of which is preferably perpendicular to the direction of the haft. The chisel point may, moreover, be relatively wide in comparison with the width of the rest of the blade.

The leverage or fulcrum surface may comprise a flat, or approximately flat, surface surrounding or covering the end of the haft

Preferably the metal part of the implement will comprise a single unit, which may be made of cast steel, or

be

be a drop forging or stamping, or be otherwise suitably made, and which is adapted in or for use to be fitted to a wooden haft, the unit comprising a blade and a leverage or fulcrum surface attached to the head of the implement, said surface projecting from the head.

The projection of the said surface from the head may be chiefly, or completely, on that side of the head away from that from which the blade projects. Other objects of such a projection are to provide a better balanced implement, and to give the weight required to carry the point into the sub-soil pan.

The projecting parts forming the said leverage or fulcrum surface may be supported, stayed or strengthened by one or more ribs, webs or fins connecting it to the head of the implement.

Convenient forms the implement may take will now be described with reference to the accompanying Drawings in which like letters of reference indicate like parts and in which :-

Figure 1 is a side view and Figure 2 a plan of a preferred embodiment;

Figures 3 and 4 show similar views of an implement having two blades;

Figures 5 and 6 a side view and plan of an attachment whereby an ordinary single or double-ended pick-axe may be converted to be used and to be capable of functioning in the manner described; and

Figure 7 illustrates how the attachment may be used.

In these Figures implements are shown which may be cast, drop-stamped or forged, be made of any suitable material, and may after manufacture be suitably heat-

treated,

treated, hardened or tempered as desired.

The implement described with reference to Figures 1 and 2 comprises a blade B having, in the particular form shown, a chisel point E the cutting edge F of which will preferably be perpendicular to the haft/(or wooden handle shown dotted at G).

Around the upper part of the head D a leverage or fulcrum surface A is made. This surface is preferably approximately flat on the upper side H and preferably projects more in the direction K than towards B, with the object of to a certain extent balancing the weight of the blade and thus making a better balanced implement for use, and also partly to provide a better placed leverage surface. A rib C supports and strengthens this surface.

For use the implement is fitted with a haft and is used like a pick-axe or hoe The blade, which is made sharp and relatively slender for this purpose, is driven into the ground, preferably to its full depth so that the head of the instrument comes into contact with the ground and the part L of the leverage surface A preferably also enters the ground. Instead now of pulling on the handle, as is done when working with a hoe the operator levers the haft or handle upwards. The flat wide leverage surface is thus pressed onto the earth and using this ~~xxxx~~ surface as a leverage one and the ground against which it is pressed as a fulcrum the blade is forced up thus breaking up the hard pan in which its point is embedded. In this action the slight widening of the chisel edge which is illustrated assists, as the point

of

of the blade thus gets a better grip and causes a larger area of the sub-soil pan to be shattered at each stroke. The leverage or fulcrum surface is, however the essential feature as its width and size rapidly distributes the pressure over a larger and larger area of ground as the leverage starts so that the further movement or sinking of this surface into the ground almost immediately ceases, whereafter the blade turning about some point on this surface efficiently breaks up the pan and earth crust. The mass of the leverage surface is also a desirable feature of the implement in that it gives the blade (of necessity slender and light in constructions in order to penetrate hard soils and sub-soil pans with the minimum effort) the weight required to carry the point well into the sub-soil pan and through any hard surface crust.

It will of course be understood I do not confine myself to the embodiment described with reference to Figures 1 and 2, but that reasonable modifications of the implement also come within the scope of the Invention, or that expedients for attaining the same results are also within said scope. For instance the implement might be made with two blades like a pick-axe and the enlarged leverage surface be made around the head to act or function in the manner described. Such a modification is illustrated in Figures 3 and 4. If a double bladed implement is used one blade B' might be longer, or one B" might be stouter than the other, so as to give a choice according to the hardness of the soil and depth of the sub-soil pan to be broken; again it is possible, instead of having a self-contained implement the metal parts of which are in one piece,

piece, to supply the leverage or fulcrum surface as a separate piece - for instance, like a flat-topped mushroom, the stalk of which forms a small spike adapted to be driven into the end of the haft. Such an attachment is illustrated in Figures 5 and 6, in which the attachment has a surface A connected to a spike H adapted to be driven into the haft G. An ordinary pick-axe either single or double-ended might thus be converted to be used in the manner described.

HAVING now particularly described and ascertained the nature of my said Invention and in what manner the same is to be performed, I declare that what I claim is :-

1.----- A pan-breaking or cultivating implement comprising a relatively slender blade adapted to be fixed approximately perpendicularly to the haft which is used therewith, which blade in use is adapted to be driven into the ground, and a relatively broad, flat or enlarged leverage or fulcrum surface in the neighbourhood of the junction of the blade with the said haft, about which surface the implement, after being driven into the ground, is adapted to be turned.

2.----- A pan-breaking or cultivating implement according to Claim 1, the blade having a chisel shaped point the edge of which is preferably perpendicular to the direction of the haft, the chisel point preferably being relatively wide in comparison with the width of the blade.

3.----- A pan-breaking or cultivating implement according to either of the preceding Claims, the leverage or fulcrum surface comprising a flat surface surrounding or covering the end of the haft.

4.----- A pan-breaking or cultivating implement according to Claim 1, 2 or 3, comprising as a single unit a leverage or fulcrum surface and a blade, in which said surface is attached to the head of the implement and projects therefrom preferably chiefly or completely on the side away from that from which the blade projects.

5.----- A pan-breaking or cultivating implement according to Claim 4, the projecting parts of said surface being

stayed

stayed or strengthened by one or more ribs connecting it to the head of implement.

6.---- A pan-breaking or cultivating implement as claimed in Claim 1, 2 or 3, having two blades, preferably of different sizes, and a leverage or fulcrum surface around the head which is adapted to fit onto the haft.

7.---- An attachment whereby an ordinary single or double-ended pick-axe may be converted into an implement substantially as claimed in Claim 6.

8.---- A pan-breaking or cultivating implement according to any of the preceding Claims, substantially as described.

9.---- A pan-breaking or cultivating implement according to any of the preceding Claims complete with a haft, constructed, arranged and adapted to be used in the manner and for the purpose substantially as described.

10.---- A pan-breaking or cultivating implement according to any of the preceding Claims, substantially as described with reference to Figures 1 and 2, or Figures 3 and 4, or Figures 5 to 7 of the accompanying Drawings.

4.- The Applicant, therefore, applies for leave to file a Specification of the Invention pursuant to Part I of the Inventions and Designs Regulation, 1894.

Sydney Oakley Jackson

I, the Applicant abovenamed, do declare that the facts stated in this Application are true to my knowledge except as to matters stated on information and belief and as to those matters I believe them to be true.

Dated this 13th day of May 1924.

Sydney Oakley Jackson

Fig. 1.

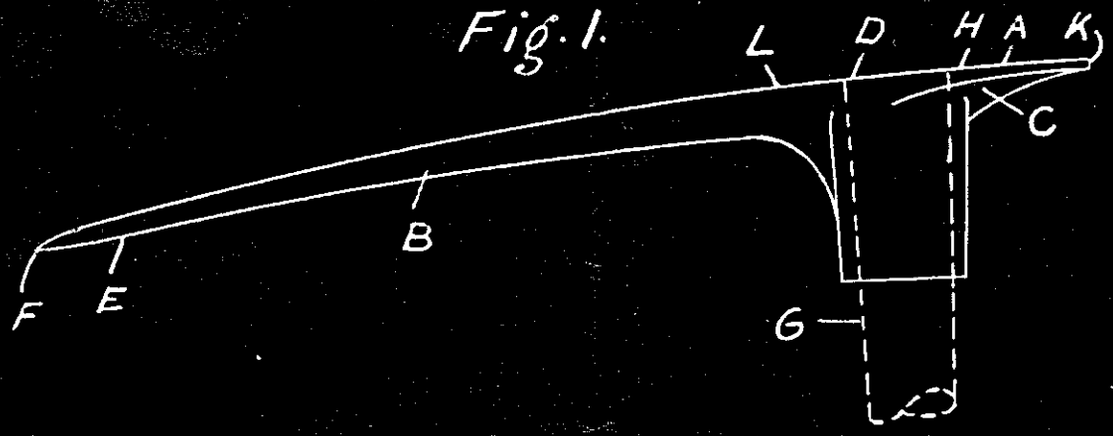

Fig. 2

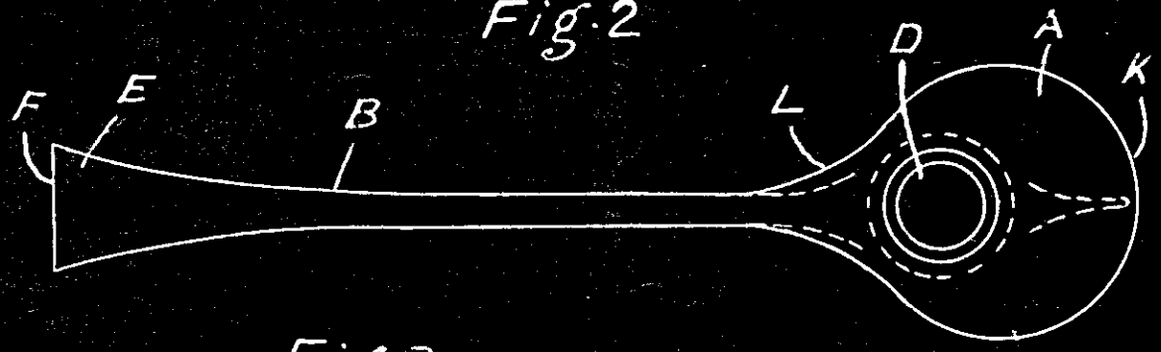

Fig. 3.

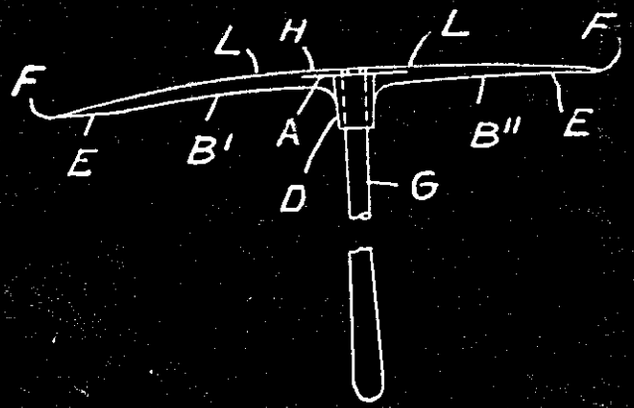

Fig. 5.

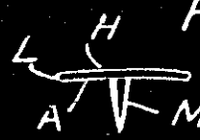

Fig. 6.

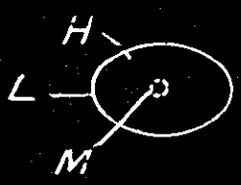

Fig. 7.

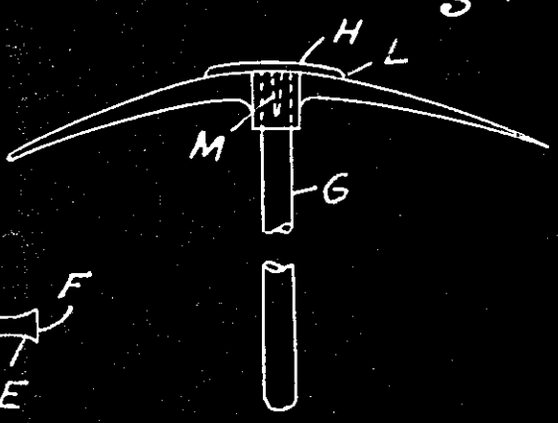

Fig. 4.

G. R. S. VI— G/32]

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SUBJECT.....

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Diary No. of letter replied to——

Section. Pat

File No. 33-23

Serial No. 9

General and Revenue Secretariat

( )

, *the* 192

No. 1878

Date of issue 21/8/24

To

Messrs Kempson & Son

Calcutta

Signed by Mr S. Narayanan

Gentlemen

With reference to your letter dt 29 5 24 forwarding an application of Mr Sydney Adams Jackson Tea Planter Assam for leave to file a specification in respect of inventions for "Improved cultivating

over.

and Foot-Plow breaking

implement I am directed

to state that ~~the application~~ ~~cannot be proceeded with~~ as the

invention described therein

is only capable of very slight alteration

in lieu of existing implements

which are already in use

and the adaptation would not

materially improve the

working of the implements

or serve no useful purpose

for either ordinary cultivation

or the breaking up of hard

pan

The invention is not of such utility and value as to render the application is rejected under S 20 (a) of Rule XI of 1894.

Draw the

SMR 26/7

(1) All this may be omitted

I am therefore directed to return herewith the application

Yours faithfully

List of enclosures.

SMR 26/7 Secy to Govt

Rev dep'td

Copied by

Examined by

WD 2215-GPE—2,000—6-6-24